

Serial No. 09/915,060

## IN THE CLAIMS:

1-3. Canceled.

4. (Currently amended) A ~~heterologous~~ chimeric nucleic acid molecule comprising consisting of a recombinant nucleic acid sequence selected from the group consisting of SEQ ID NO:1, SEQ ID NO:7, and combinations thereof.

5-10. Canceled.

11. (Currently amended) A chimeric gene comprising:

- (a) said recombinant ~~nucleotide sequence~~ nucleic acid molecule of claim 37, and
- (b) one or more control sequences operably linked to said recombinant ~~nucleotide sequence~~ nucleic acid molecule.

12. (Currently amended) A vector comprising the recombinant ~~nucleotide sequence~~ nucleic acid molecule of claim 37.

13. (Original) The vector of claim 12 wherein said vector is an expression vector, said vector further comprising a promoter.

14. (Currently amended) A eukaryotic host cell comprising the recombinant ~~nucleotide sequence~~ nucleic acid molecule of claim 37.

15. (Original) An expression system comprising the eukaryotic host cell of claim 14.

16-22. Canceled.

23. (Original) A vector comprising the chimeric gene of claim 11.

Serial No. 09/915,060

24. (Original) A eukaryotic host cell comprising the chimeric gene of claim 11.
25. (Currently amended) A ~~heterologous~~ chimeric nucleic acid molecule consisting essentially of a ~~recombinant~~ nucleic acid sequence selected from the group consisting of SEQ ID NO:4, SEQ ID NO:5, SEQ ID NO:6 and combinations thereof, said ~~recombinant~~ nucleic acid sequence initiating the translation of mRNA in a eukaryotic cell.
26. Canceled.
27. (Currently amended) A chimeric gene comprising:
- a) the ~~recombinant~~ chimeric nucleic acid ~~sequence~~ molecule of claim 25, and
  - b) one or more control sequences operably linked to said ~~recombinant~~ chimeric nucleic acid ~~sequence~~ molecule.
28. (Currently amended) A vector comprising the ~~recombinant~~ chimeric nucleic acid ~~sequence~~ molecule of claim 25.
29. (Original) The vector of claim 28 wherein said vector is an expression vector, said vector further comprising a promoter.
30. (Currently amended) A eukaryotic host cell comprising the ~~recombinant~~ chimeric nucleic acid ~~sequence~~ molecule of claim 25.
31. (Original) An expression system comprising the eukaryotic host cell of claim 30.
32. (Original) A vector comprising the chimeric gene of claim 27.
33. (Original) The vector of claim 32, wherein said vector is an expression vector, said vector further comprising a promoter.

Serial No. 09/915,060

34. (Original) A eukaryotic host cell comprising the chimeric gene of claim 27.
35. (Original) An expression system comprising the eukaryotic host cell of claim 34.
36. (Original) An expression system comprising the eukaryotic host cell of claim 24.
37. (Currently amended) A recombinant ~~nucleotide sequence~~ nucleic acid molecule consisting of SEQ ID NO:1, 4-6 or 7 comprised within a heterologous chimeric nucleic acid molecule.
38. (Currently amended) The recombinant ~~nucleotide sequence~~ nucleic acid molecule of claim 37, wherein said recombinant ~~nucleotide sequence~~ nucleic acid molecule enables a G2/M cell cycle-dependent initiation of translation of mRNA.
39. (Currently amended) The recombinant ~~nucleotide sequence~~ nucleic acid molecule of claim 38, wherein said recombinant ~~nucleotide sequence~~ nucleic acid molecule is an internal ribosomal entry site sequence which initiates mRNA translation in a eukaryotic cell.
40. (Currently amended) The ~~heterologous chimeric~~ nucleic acid molecule of claim 4, wherein said recombinant nucleic acid sequence is a eukaryotic internal ribosomal entry site which initiates mRNA translation in a eukaryotic cell.